

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2000-82

FOR

KISTLER VINEYARDS

Sonoma County

MONITORING

The following monitoring activities shall be conducted to measure the effectiveness of erosion control measures that have been developed and implemented for the vineyard and the gully (shown on Attachment 1):

1. Daily rainfall totals shall be acquired from the weather station at United Agri Products, 2900 North Gravenstein Highway, Sebastopol, California.
2. During significant rainfall events producing greater than ½ inch of rain in a 24-hour period as measured at United Agri Products, the effectiveness of all erosion control measures specified in the September 18, 1999 Erosion Control and Mitigation Plan (ECMP) prepared by Erickson Engineering Inc., shall be physically monitored. For purposes of monitoring, each month shall be divided into two monitoring periods, based upon two-week increments. At the end of a significant rainfall event, as described above, photographs of map points 1-11 (See Attachment 1) shall be taken. Photographic monitoring shall be conducted one time during either two-week period when significant rainfall produces greater than ½ inch of rain. All photographs shall be dated according to the day on which they are taken.
3. Photographs of all permanent erosion control measures (as specified in the ECMP and shown as map points 1-8, Attachment 1) associated with the vineyard shall be taken during the last week of each month to document the current condition and effectiveness of the erosion control measures. Photographs shall be taken of any visibly flowing water discharging from the end of the pipes at map points 3 and 5.
4. Photographs of the banks and bottom of the gully shall be taken during the last week of each month to document the condition of the gully (map locations 9-11, Attachment 1).
5. Photographs taken after significant rainfall events (as required in Monitoring Requirement 2 above) during the second two-week period of any month shall satisfy the requirements of Monitoring Requirements 3 and 4 above. Monthly monitoring shall not exceed two separate photographing events.
6. Notwithstanding the limitation on the number of photographic events set forth in Monitoring Requirement 5 above, any re-vegetation activities, or removal of vegetation, conducted within the gully, or on the gully's banks, shall be photographed. The location of any vegetation removal or replanting shall be identified on the map submitted with the photographs clearly labeled.

REPORTING

Kistler Vineyards shall submit a report to the Regional Water Board by the fifteenth calendar day of each month for the previous month's activities. The report shall include, but is not limited to, the following information:

1. Daily rainfall totals for each day during the month as described under Monitoring Requirement 1 above.
2. Photographs, as required under Monitoring Requirement 1-4 and 6 above, of all permanent erosion control measures (map points 1-8, Attachment 1), gully conditions (map locations 9-11, Attachment 1) and vegetation conditions. All photographs shall be identified by location as shown on the map (Attachment 1).
3. A written description of any vegetation removal or replanting associated with the gully.
4. A written description of any maintenance activities conducted on any permanent erosion control measures, as specified in the ECMP.

Ordered by _____

Lee A. Michlin
Executive Officer

November 9, 2000